	Α	В	С	D	E	F	G	Н		J	K	L		
1				Backgrou	und Statistic	cs for Data	Sets with	Non-Dete	cts	•				
2	Us	ser Selecte	d Options											
3	Date/T	ime of Com	putation	7/30/2013	3 1:34:51 P	M								
4			rom File	WorkShe	et.xls									
5		Full F	Precision	OFF										
6	Col	nfidence Co		95%										
7			overage	95%										
8	rent or Fut	ure K Obse	•	1										
		ootstrap Op		2000										
9	IIIDEI OI D	ootstrap Op	Crations	2000										
10	PAHs													
11	FAI 13													
12						Conorol	Statistics							
13			Total Nu	mbor of Ol	bservations		Statistics		Number of	Missing Obse	orustions	0		
14						3								
15		IN.	umber or		bservations			11						
16			NI		r of Detects	-				umber of Non	0.000	8		
17			Numi		nct Detects	-		Number of Distinct Non-Detects						
18					num Detect					Minimum No		1.5		
19					num Detect					Maximum No		10		
20					e Detected					Percent Non		16.189		
21					n Detected						Detected	47.09		
22			Mean of D	Detected Lo	ogged Data	4.072			SD of I	Detected Logo	ged Data	0.785		
23														
24					I Values for		nd Thresh	old Values	s (BTVs)					
25			Tolerand	ce Factor k	K (For UTL)	1.991				d2max (	(for USL)	3.073		
26														
27						I GOF Tes								
28					est Statistic		Normal GOF Test on Detected Observations Only							
29			5%	Shapiro W	Vilk P Value	0.00741								
30					est Statistic					GOF Test				
31					ritical Value					mal at 5% Sig	gnificance	Level		
32			D€	etected Da	ita appear A	Approximat	te Normal	at 5% Sigi	nificance L	.evel				
33														
			Kan	lan Meier	(KM) Backo	ground Sta	tistics Ass	uming No	rmal Distri	bution				
34			М	idii ivioloi										
			Мар	idii iiioloi	Mean	63.01					SD	50.5		
34			95	% UTL95%	6 Coverage	163.6				95% KN	SD M UPL (t)	50.5 147.9		
34 35			95' 9	% UTL95% 90% KM Pe	6 Coverage ercentile (z)	163.6 127.7			,	95% KM Perc	M UPL (t) centile (z)			
34 35 36			95' 9	% UTL95% 90% KM Pe	6 Coverage	163.6 127.7				95% KM Perc	M UPL (t)	147.9		
34 35 36 37			95' 9	% UTL95% 90% KM Pe 99% KM Pe	6 Coverage ercentile (z) ercentile (z)	163.6 127.7 180.5				95% KM Perc 95%	M UPL (t) centile (z)	147.9 146.1		
34 35 36 37 38			95' 9	% UTL95% 90% KM Pe 99% KM Pe	6 Coverage ercentile (z)	163.6 127.7 180.5		uming Nor		95% KM Perc 95%	M UPL (t) centile (z)	147.9 146.1		
34 35 36 37 38 39			95' 9	% UTL95% 90% KM Pe 99% KM Pe	6 Coverage ercentile (z) ercentile (z)	163.6 127.7 180.5		uming Nor		95% KM Perc 95%	M UPL (t) centile (z)	147.9 146.1		
34 35 36 37 38 39 40			95' 9 9 9 <b>DL</b>	% UTL95% 00% KM Pe 09% KM Pe 72 Substitu % UTL95%	6 Coverage ercentile (z) ercentile (z) ution Backg Mean 6 Coverage	163.6 127.7 180.5 round Stat 63.07 164.2		uming Non		95% KM Perc 95% pution 95%	M UPL (t) centile (z) KM USL SD % UPL (t)	147.9 146.1 218.2 50.82 148.4		
34 35 36 37 38 39 40 41			95' 9 9 9 <b>DL</b>	% UTL95% 00% KM Pe 09% KM Pe 72 Substitu % UTL95%	6 Coverage ercentile (z) ercentile (z) ution Backg	163.6 127.7 180.5 round Stat 63.07 164.2 128.2		uming Non		95% KM Perc 95% pution	M UPL (t) centile (z) KM USL SD % UPL (t)	147.9 146.1 218.2 50.82		
34 35 36 37 38 39 40 41 42			95' 9 9 9 <b>DL</b>	% UTL95% 00% KM Pe 09% KM Pe 72 Substitu % UTL95% 90% Pe	6 Coverage ercentile (z) ercentile (z) ution Backg Mean 6 Coverage	163.6 127.7 180.5 round Stat 63.07 164.2 128.2		uming Nori		95% KM Perc 95% pution 95% 95% Perc	M UPL (t) centile (z) KM USL SD % UPL (t)	147.9 146.1 218.2 50.82 148.4		
34 35 36 37 38 39 40 41 42 43		DL/:	95 9 9 DL	% UTL95% 00% KM Pe 09% KM Pe 72 Substitu % UTL95% 90% Pe 99% Pe	6 Coverage ercentile (z) ercentile (z) ution Backg Mean 6 Coverage ercentile (z) ercentile (z)	163.6 127.7 180.5 round Stat 63.07 164.2 128.2 181.3	istics Assi		mal Distrib	95% KM Perc 95% pution 95% 95% Perc	SD W UPL (t) SD W UPL (t) Sentile (z) SD W UPL (t) Sentile (z) S95% USL	147.9 146.1 218.2 50.82 148.4 146.7		
34 35 36 37 38 39 40 41 42 43 44		DL/:	95 9 9 DL	% UTL95% 00% KM Pe 09% KM Pe 72 Substitu % UTL95% 90% Pe 99% Pe recommen	6 Coverage ercentile (z) ercentile (z) ution Backg Mean 6 Coverage ercentile (z) ercentile (z)	163.6 127.7 180.5 round Stat 63.07 164.2 128.2 181.3 d. DL/2 pro	istics Assi	compariso	mal Distrib	95% KM Perc 95% pution 95% 95% Perc	SD W UPL (t) SD W UPL (t) Sentile (z) SD W UPL (t) Sentile (z) S95% USL	147.9 146.1 218.2 50.82 148.4 146.7		
34 35 36 37 38 39 40 41 42 43 44 45		DL/2	95 9 9 DL	% UTL95% 00% KM Pe 09% KM Pe 72 Substitu % UTL95% 90% Pe 99% Pe recommen	6 Coverage ercentile (z) ercentile (z) ution Backg Mean 6 Coverage ercentile (z) ercentile (z)	163.6 127.7 180.5 round Stat 63.07 164.2 128.2 181.3 d. DL/2 pro	istics Assi	compariso	mal Distrib	95% KM Perc 95% pution 95% 95% Perc	SD W UPL (t) SD W UPL (t) Sentile (z) SD W UPL (t) Sentile (z) S95% USL	147.9 146.1 218.2 50.82 148.4 146.7		
34 35 36 37 38 39 40 41 42 43 44 45 46 47		DL/:	95 9 9 DL	% UTL95% 00% KM Pe 09% KM Pe 2 Substitu % UTL95% 90% Pe 99% Pe recommen	6 Coverage ercentile (z) ercentile (z) ution Backg Mean 6 Coverage ercentile (z) ercentile (z)	163.6 127.7 180.5 round Stat 63.07 164.2 128.2 181.3 d. DL/2 pro	istics Assi	compariso	mal Distrib	95% KM Perc 95% pution 95% 95% Perc	SD % UPL (t) centile (z) SD % UPL (t) centile (z) 95% USL	147.9 146.1 218.2 50.82 148.4 146.7		
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48		DL/:	95 9 DL: 95 2 is not a	% UTL95% 00% KM Pe 09% KM Pe 2 Substitu % UTL95% 90% Pe 99% Pe recommen	6 Coverage ercentile (z) ercentile (z) ercentile (z)  ution Backg Mean 6 Coverage ercentile (z) ercentile (z) ercentile (z) nded metho	163.6 127.7 180.5 round Stat 63.07 164.2 128.2 181.3 d. DL/2 pro	istics Assu	comparisons compar	mal Distrib ons and his s Only derson-Da	95% KM Perc 95% pution 95% 95% Perc 9 storical reaso	SD % UPL (t) centile (z) KM USL SD % UPL (t) centile (z) 95% USL ons	147.9 146.1 218.2 50.82 148.4 146.7 219.2		
34 35 36 37 38 39 40 41 42 43 44 45 46 47		DL/:	95 9 DL: 95 2 is not a	% UTL95% 00% KM Pe 19% KM Pe 19	6 Coverage ercentile (z) ercentile (z) ercentile (z)  Ation Backg Mean 6 Coverage ercentile (z) ercentile (z) ercentile (z) ercentile (z) nded metho est Statistic	163.6 127.7 180.5 round Stat 63.07 164.2 128.2 181.3 d. DL/2 pro 0.244 0.762	istics Assu	comparisons servations An ata appear	ons and his s Only derson-Da Gamma D	95% KM Perc 95% pution 95% 95% Perc 9 storical reaso	SD W UPL (t) Sentile (z) KM USL SD W UPL (t) Sentile (z) SP5% USL SP5% USL SP5% Signification	147.9 146.1 218.2 50.82 148.4 146.7 219.2		
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49		DL/:	95° DL 95°	% UTL95% 00% KM Pe 09% KM Pe 72 Substitu % UTL95% 90% Pe 99% Pe recommen A-D Te 5% A-D Cr K-S Te	de Coverage ercentile (z) ercentile (z) ercentile (z)  ution Backg Mean de Coverage ercentile (z) ercentile (z) ercentile (z) nded metho nma GOF T est Statistic ritical Value	163.6 127.7 180.5 round Stat 63.07 164.2 128.2 181.3 d. DL/2 pro ests on De 0.244 0.762 0.0571	istics Assi	comparisons  Servations  An  ata appear	ons and his s Only derson-Da Gamma Dolmogrov-	95% KM Perc 95% pution 95% 95% Perc 9 storical reaso	SD % UPL (t) centile (z) KM USL  SD % UPL (t) centile (z) 95% USL ons	147.9 146.1 218.2 50.82 148.4 146.7 219.2		
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51		DL/:	95° DL 95°	% UTL95% 00% KM Pe 09% KM Pe 09% KM Pe 09% Pe 09% Pe 09% Pe 09% Pe 09% Pe 05% A-D Te 05% A-D Ce 05% K-S Ce	6 Coverage ercentile (z) ercentile (z) ercentile (z)  Mean 6 Coverage ercentile (z) ercentile (z) ercentile (z) ercentile (z) rded metho mma GOF T est Statistic ritical Value est Statistic	163.6 127.7 180.5 round Stat 63.07 164.2 128.2 181.3 d. DL/2 pro 0.244 0.762 0.0571 0.119	istics Assi	comparisons  Servations  An  ata appear  K  ata appear	ons and his s Only derson-Da Gamma Dolmogrov- Gamma D	95% KM Perc 95%  pution  95% 95% Perc 9  storical reaso  arling GOF Te Distributed at 5  Smirnoff GOI Distributed at 5	SD % UPL (t) centile (z) KM USL  SD % UPL (t) centile (z) 95% USL ons	147.9 146.1 218.2 50.82 148.4 146.7 219.2		
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50		DL/2	95° DL 95°	% UTL95% 00% KM Pe 09% KM Pe 09% KM Pe 09% Pe 09% Pe 09% Pe 09% Pe 09% Pe 05% A-D Te 05% A-D Ce 05% K-S Ce	6 Coverage ercentile (z) ercentile (z) ercentile (z) Mean 6 Coverage ercentile (z)	163.6 127.7 180.5 round Stat 63.07 164.2 128.2 181.3 d. DL/2 pro 0.244 0.762 0.0571 0.119	istics Assi	comparisons  Servations  An  ata appear  K  ata appear	ons and his s Only derson-Da Gamma Dolmogrov- Gamma D	95% KM Perc 95%  pution  95% 95% Perc 9  storical reaso  arling GOF Te Distributed at 5  Smirnoff GOI Distributed at 5	SD % UPL (t) centile (z) KM USL  SD % UPL (t) centile (z) 95% USL ons	147.9 146.1 218.2 50.82 148.4 146.7 219.2		
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53		DL/:	95° DL 95°	% UTL95% 00% KM Pe 09% KM Pe 09% KM Pe 09% Pe 09% Pe 09% Pe 09% Pe 09% Pe 05% A-D Te 05% A-D Ce 05% K-S Ce	de Coverage ercentile (z) ercentile (z) ercentile (z) ercentile (z) Mean de Coverage ercentile (z) e	163.6 127.7 180.5 round Stat 63.07 164.2 128.2 181.3 d. DL/2 pro 0.244 0.762 0.0571 0.119	ovided for etected detected destributed a	comparisons  Servations  An  ata appear  K  ata appear  at 5% Sign	ons and his s Only derson-Da Gamma D olmogrov- Gamma D ifficance Le	95% KM Perc 95%  pution  95% 95% Perc 9  storical reaso  arling GOF Te Distributed at 5  Smirnoff GOI Distributed at 5	SD % UPL (t) centile (z) KM USL  SD % UPL (t) centile (z) 95% USL ons	147.9 146.1 218.2 50.82 148.4 146.7 219.2		
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54		DL/:	95° DL 95°	% UTL95% 00% KM Pe 19% KM Pe 19% KM Pe 19% KM Pe 19% Pe 19% Pe 19% Pe 19% Pe 19% Pe 10% Pe 10	de Coverage ercentile (z) ercentile (z) ercentile (z) ercentile (z) Mean de Coverage ercentile (z) e	163.6 127.7 180.5 round Stat 63.07 164.2 128.2 181.3 d. DL/2 pro 0.244 0.762 0.0571 0.119 Gamma Di	ovided for etected detected destributed a	comparisons  Servations  An  ata appear  K  ata appear  at 5% Sign	ons and his s Only derson-Da Gamma D olmogrov- Gamma D ifficance Lo	95% KM Perc 95%  pution  95% 95% Perc 9  storical reaso  arling GOF Te Distributed at 5  Smirnoff GOI Distributed at 5	SD W UPL (t) SP W UPL (t) SP W UPL (t) Sentile (z) SP W UPL (t) Sentile (z) SP W UPL	147.9 146.1 218.2 50.82 148.4 146.7 219.2		
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55		DL/:	95° DL 95°	% UTL95% 00% KM Pe 19% KM Pe 19% KM Pe 19% KM Pe 19% Pe 19% Pe 19% Pe 19% Pe 19% Pe 10% Pe 10	de Coverage ercentile (z) ercentile (z) ercentile (z) ercentile (z) Mean de Coverage ercentile (z) e	163.6 127.7 180.5 round Stat 63.07 164.2 128.2 181.3 d. DL/2 pro 0.244 0.762 0.0571 0.119 Gamma Di	ovided for etected detected destributed a	comparisons  Servations  An  ata appear  K  ata appear  at 5% Sign	ons and his s Only derson-Da Gamma D olmogrov- Gamma D ifficance Le	95% KM Perc 95%  pution  95% 95% Perc 9  storical reaso  arling GOF Te Distributed at 5  Smirnoff GOI Distributed at 5  evel	SD % UPL (t) centile (z) KM USL  SD % UPL (t) centile (z) 95% USL  ons  est 5% Signific  F 5% Signific	147.9 146.1 218.2 50.82 148.4 146.7 219.2		
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56		DL/2	95° DL 95°	% UTL95% 00% KM Pe 09% KM Pe 09% KM Pe 09% Pe 99% Pe recommen A-D Te 5% A-D Ci K-S Te 5% K-S Ci etected da	de Coverage ercentile (z) ercentile (z) ercentile (z) ercentile (z) Mean de Coverage ercentile (z) e	163.6 127.7 180.5  round Stat 63.07 164.2 128.2 181.3 d. DL/2 pro  Cests on De 0.244 0.762 0.0571 0.119 Gamma Di Statistics or 2.203 33.96	ovided for etected detected destributed a	comparisons  Servations  An  ata appear  K  ata appear  at 5% Sign	ons and his s Only derson-Da Gamma D olmogrov- Gamma D ifficance Lo	95% KM Perc 95%  pution  95% 95% Perc 95  storical reaso  arling GOF Te Distributed at 5  Smirnoff GOI Distributed at 5  evel	SD W UPL (t) SP W	147.9 146.1 218.2 50.82 148.4 146.7 219.2 cance Lev		
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57		DL/:	95° DL 95° 2 is not a	% UTL95% 00% KM Pe 09% KM Pe 09% KM Pe 09% KM Pe 09% Pe 99% Pe 100	de Coverage ercentile (z) ercentile (z) ercentile (z) ercentile (z) Mean de Coverage ercentile (z) e	163.6 127.7 180.5  round Stat 63.07 164.2 128.2 181.3 d. DL/2 pro  0.244 0.762 0.0571 0.119 Gamma Di  statistics or 2.203 33.96 251.2	ovided for etected detected destributed a	comparisons  Servations  An  ata appear  K  ata appear  at 5% Sign	ons and his s Only derson-Da Gamma D olmogrov- Gamma D ifficance Lo	95% KM Perc 95%  pution  95% 95% Perc 9  storical reaso  arling GOF Te Distributed at 5  Smirnoff GOI Distributed at 5  evel  r (bias correct r (bias correct	SD W UPL (t) SP W	147.9 146.1 218.2 50.82 148.4 146.7 219.2 cance Lev 2.099 35.65		
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58		DL/2	95° DL 95° 2 is not a	% UTL95% 00% KM Pe 09% KM Pe 09% KM Pe 09% KM Pe 09% Pe 09% Pe 09% Pe 09% Pe 05% A-D Ce 05% A-D Ce 05% K-S Ce 064ected da	de Coverage ercentile (z) ercentile (z) ercentile (z) ercentile (z) Mean de Coverage ercentile (z) e	163.6 127.7 180.5  round Stat 63.07 164.2 128.2 181.3 d. DL/2 pro  Cests on De 0.244 0.762 0.0571 0.119 Gamma Di Statistics or 2.203 33.96 251.2 74.84	ovided for etected detected destributed a	comparisons Servations An ata appear K ata appear at 5% Sign	ons and his s Only derson-Da Gamma D olmogrov- Gamma D ifficance Lo	95% KM Perc 95%  pution  95% 95% Perc 9  storical reaso  arling GOF Te Distributed at 5  Smirnoff GOI Distributed at 5  evel  r (bias correct r (bias correct	SD % UPL (t) Sentile (z) KM USL  SD % UPL (t) Sentile (z) SS WSL Sons  Sest SS Significated MLE) SS Significated MLE) SS Significated MLE) SS SIGNIFICATE MLES	147.9 146.1 218.2 50.82 148.4 146.7 219.2 cance Lev 2.099 35.65		
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59		DL/2	95° DL 95° 2 is not a	% UTL95% 00% KM Pe 09% KM Pe 09% KM Pe 09% KM Pe 09% Pe 09% Pe 09% Pe 09% Pe 05% A-D Ce 05% A-D Ce 05% K-S Ce 064ected da	de Coverage ercentile (z) ercentile (z) ercentile (z) ercentile (z) Mean de Coverage ercentile (z) ercentile (z) ercentile (z) ercentile (z) ercentile (z) ercentile (z) ded metho ercentile (z) ercen	163.6 127.7 180.5  round Stat 63.07 164.2 128.2 181.3 d. DL/2 pro  Cests on De 0.244 0.762 0.0571 0.119 Gamma Di Statistics or 2.203 33.96 251.2 74.84	ovided for etected detected destributed a	comparisons Servations An ata appear K ata appear at 5% Sign	ons and his s Only derson-Da Gamma D olmogrov- Gamma D ifficance Lo	95% KM Perc 95%  pution  95% 95% Perc 95%  storical reaso  arling GOF Te Distributed at 5  Smirnoff GOI Distributed at 5  evel  r (bias correct u star (bias correct u star (bias correct	SD % UPL (t) Sentile (z) KM USL  SD % UPL (t) Sentile (z) SS WSL Sons  Sest SS Significated MLE) SS Significated MLE) SS Significated MLE) SS SIGNIFICATE MLES	147.9 146.1 218.2 50.82 148.4 146.7 219.2 cance Lev 2.099 35.65 239.3		
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60		DL/:	95° DL 95° 2 is not a	% UTL95% 00% KM Pe 19% KM Pe 19% KM Pe 19% KM Pe 19% Pe 19	de Coverage ercentile (z) ercentile (z) ercentile (z) ercentile (z) Mean de Coverage ercentile (z) ercentile (z) ercentile (z) ercentile (z) ercentile (z) ercentile (z) ded metho ercentile (z) ercen	163.6 127.7 180.5  round Stat 63.07 164.2 128.2 181.3 d. DL/2 pro  0.244 0.762 0.0571 0.119 Gamma Di  Statistics or 2.203 33.96 251.2 74.84 51.65	istics Assi ovided for etected of etected di etected di stributed a	comparisons An ata appear K ata appear at 5% Sign	mal Distributions and his sonly derson-Da Gamma Distributions and his sonly derson-Da Gamma Difficance Lo	95% KM Perc 95%  pution  95% 95% Perc 95%  storical reaso  arling GOF Te Distributed at 5  Smirnoff GOI Distributed at 5  evel  r (bias correct u star (bias correct u star (bias correct	SD % UPL (t) Sentile (z) KM USL  SD % UPL (t) Sentile (z) SS WSL Sons  Sest SS Significated MLE) SS Significated MLE) SS Significated MLE) SS SIGNIFICATE MLES	147.9 146.1 218.2 50.82 148.4 146.7 219.2 cance Lev 2.099 35.65 239.3		
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59			95  DL  95  2 is not a  MLE I	% UTL95% 00% KM Pe 19% KM Pe 19% KM Pe 19% KM Pe 19% Pe 19	de Coverage ercentile (z) ercentile (z) ercentile (z) ercentile (z) Mean de Coverage ercentile (z) e	163.6 127.7 180.5  round Stat 63.07 164.2 128.2 181.3 d. DL/2 pro  0.244 0.762 0.0571 0.119 Gamma Di  statistics or 2.203 33.96 251.2 74.84 51.65	istics Assi ovided for etected of etected destributed as in Detected	comparisons An ata appear K ata appear at 5% Sign I Data Only	mal Distributions and his sonly derson-Da Gamma Distributions and his sonly derson-Da Gamma Difficance Lo k start and the start	95% KM Perc 95%  pution  95% 95% Perc 95%  storical reaso  arling GOF Te Distributed at 5  Smirnoff GOI Distributed at 5  evel  r (bias correct u star (bias correct u star (bias correct	SD % UPL (t) centile (z) KM USL  SD % UPL (t) centile (z) 95% USL  ons  est 5% Signific  f 5% Signific  ted MLE) orrected)  uare (2k)	147.9 146.1 218.2 50.82 148.4 146.7 219.2 cance Lev 2.099 35.65 239.3		

	Α	В	С		D		E	F	G	H	-11	J	K	L
63					-					data is sma				
64	For such situations, GROS method tends to yield inflated values of UCLs and BTVs  For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates										ates			
65 66	1 01 5	garrina di	Stribute	a detec	cica a		linimum	1.469	ly be comp	atea asing	gariina di	3th Dation 0	Mean	63.68
67							aximum	198.2					Median	54.96
68							SD	50.1					CV	0.787
69						k ha	t (MLE)	1.172			k star	(bias corre	cted MLE)	1.13
70					The		t (MLE)	54.32			Theta star	(bias corre	cted MLE)	56.34
71					r	nu ha	t (MLE)	159.4			nı	ı star (bias	corrected)	153.7
72					•		rrected)	63.68			ML	.E Sd (bias	,	59.9
73		9	95% Pe	rcentile			are (2k)	6.487					Percentile	142.3
74							rcentile	182.7					Percentile	275.9
75				-					-			puted Dat	a	
76			Up	per LII	mits u	sing	WIISON I	HW	H) and Hav	wkins Wixl	ey (HW) N	ietnoas	WH	HW
77	Approx. G	amma LIT	l with (	)5% C	ovorac	70 '	223.1	246.1		05%	Approx G	amma UPL	183.9	197.6
78	Арргох. С	allilla U I		Gam			402.5	487.1		33 /0 /	нрргох. С	allilla OFL	100.9	197.0
79			337	dain	illa oc	)L  -	102.0	407.1						
80 81			The fo	ollowin	g stat	istics	are cor	nputed us	ing gamma	distribution	n and KM	estimates		
82					-					wkins Wixle				
83							at (KM)	1.557					u hat (KM)	211.7
84							WH	HW					WH	HW
85	Approx. G	amma UT	L with 9	95% C	overaç	ge 2	243.5	280		95% /	Approx. Ga	amma UPL	197.5	219.5
86			95%	Gam	ma US	SL 4	458.1	591.2						
87														
88									etected OI	servations				
89							Statistic	0.105 0.117	D-44-	d Data		GOF Test	O::f:	11
90							al Value			I at 5% Sig		ormal at 5%	Significan	ce Level
91			L	Jeleck	eu Dai	іа ар	peai Ap	proximate	Logiloillia	i at 5% Sig	Jillicarice	Levei		
92 93		Backgro	und Lo	anorm	al RO	S Sta	atistics A	Assumina	Lognormal	Distributio	n Usina Ir	nputed No	n-Detects	
94				-			al Scale	64.62	<b>_</b>		<b>_</b>		Log Scale	3.809
95							al Scale	49.01					Log Scale	0.938
96				95% l	JTL95	% Cc	verage	292.1			95% BC	A UTL95%	Coverage	183.7
97		95% B	ootstra	p (%) l	JTL95	% Co	overage	187.1					5% UPL (t)	218.2
98						` '	150.1				95% Pe	rcentile (z)	211.1	
99					99% F	Perce	ntile (z)	400.1					95% USL	806.4
100			Chadad		1/14				Data and A			Disambunta		
101					-		nates o	3.49	Jata and A	_	-	Distributio ormal)95%		661.4
102			r				ed Data	1.509		33 /6 KIVI (		KM UPL (L	_	413.8
103 104		9	5% KM					392.3				KM USL (L		3387
105			- 70 1 1111	. 0.00		90	(_)	002.0				002 (2		
106				В	ackgro	ound	DL/2 St	atistics As	suming Lo	gnormal D	istribution			
107							al Scale	63.07					Log Scale	3.497
108							al Scale	50.82					Log Scale	1.52
109							overage	680.9					5% UPL (t)	424.5
110							ntile (z)	231.6				95% Pe	rcentile (z)	402.4
111		B1 1	O la e e				ntile (z)	1134				Ande-I	95% USL	3528
112		ט⊔	∠ is not	а кес	omme	enaec	ı Metho	a. DL/2 pro	oviaea for (	compariso	ns and his	torical reas	sons.	
113					Non	nere	metric D	ietribution	Free Book	ground Sta	atistice			
114			Г	)ata ai		-				n at 5% Sig		Level		
115 116				u	pour	01	.5 4 0		0.1.1001101	0 /0 016	oanoc			
117		Non	parame	tric U	ppper	Limit	s for BT	Vs(no dist	inction ma	de betwee	n detects	and nonde	tects)	
118							atistic, r	67				L with95%	· · · · · · · · · · · · · · · · · · ·	187.1
119					Α	ppro	ximate f	1.763	Coi	nfidence Co	oefficient (	CC) achiev	ed by UTL	0.86
120							5% UPL	167.5					95% USL	198.2
121			Į.	95% K	M Che	bysh	ev UPL	284.8						
122														
123									-			resents a b	-	
124		data	set fre	e of ou	ıtliers a	and c	onsists	of observa	tions collec	ted from cl	lean unimp	acted loca	tions.	

	Α	В	С	D	E	F	G	Н	I	J	K	L
125	The use of USL tends to provide a balance between false positives and false negatives provided the data											
126	represents a background data set and when many onsite observations need to be compared with the BTV.											
127												